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(b) If the larvæ of *C. vomitoria* be fed almost continuously on the carcass of a leper rat they remain heavily infested with lepra bacilli. When they pupate the heavily infested pupæ seem to be incapable of undergoing further development.

3. A fly (*M. domestica*) caught on the face of a human leper was found to be infested with lepra-like bacilli. These were few in number at the beginning of the observation, but on the third day more than 1,115 lepra-like bacilli were present in each speck deposited. However, only one bacillus was found in the specks deposited between the third and sixth days. The acid-proof bacilli in this fly were not infective when injected into the subcutaneous tissue of a guinea pig.

4. The agglutinating action of blood serum from 3 human lepers was tested on washed suspensions of rat lepra bacilli with practically negative results.

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco and Point Richmond.

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Week ended October 3.

Date of last case of plague: Sickened, January 30, 1908.

Sick inspected.....	4
Dead inspected.....	130
Premises inspected.....	15, 527
Houses disinfected.....	89
Houses destroyed.....	6
Buildings condemned.....	10
Nuisances abated.....	1, 848
Rats found dead.....	482
Rats trapped.....	4, 399
Total rats taken.....	4, 881
Rats identified:	
<i>Mus norvegicus</i>	3, 558
<i>Mus rattus</i>	83
<i>Mus musculus</i>	1, 116
Total.....	4, 757
Rats examined bacteriologically.....	2, 883
Necropsy held.....	1
Poisons placed.....	134, 242

POINT RICHMOND, CAL.

Week ended September 26.

Premises inspected.....	492
Nuisances abated.....	10
Rats found dead.....	32
Rats trapped.....	69
Poisons placed.....	23, 800

Outgoing quarantine transactions.

Passed Assistant Surgeon Hobdy reports:

Week ended October 6.

Vessels fumigated and certified.....	22
Vessels certified.....	65

Report from Los Angeles, Cal.—A case of leprosy.

Surgeon Brooks reports, September 29:

A leper was found in this city September 26, a native of Mexico, age 33 years. He came here 3 days previously from Oxnard, Cal. He entered this country at El Paso, Tex., October 27, 1907, crossing the Rio Grande River by the ordinary passenger bridge on foot. He first became aware of the disease three years ago. He has been isolated by the county authorities at the Los Angeles County Hospital.

Trapping and examination of rodents in southern California.

Doctor Brooks further reports, October 2:

A meeting of health officers of towns in this vicinity was called September 25 by Dr. W. Le Moyne Wills, member of the state board of health for southern California. A committee appointed at this meeting has made an appeal to 30 town and county health officers located in this section of the State to trap rodents and to send them to the laboratory, and efforts are being made to obtain favorable responses.

Report of Passed Assistant Surgeon Stimson, in charge of laboratory investigations, Los Angeles:

October 5. The city government is now completing and proposes to equip and maintain a laboratory for plague investigation on the grounds of the medical college of the University of Southern California. The building will be ready for occupation in a day or so, but will not be fully equipped for at least some days later. I shall be in charge of the work carried on at this laboratory. Since my arrival here the work has been done in the bacteriological laboratory of the college.

For the period from September 24 to October 4, both inclusive, the following animals were examined:

Gray rats	274
Black rats	36
Mice	96
Ground squirrels	125
Gambel pocket mice.....	16
Skunks	2
Rabbits.....	10
White rats.....	2

None of these animals was found to be infected with plague.